Enablement API – Timing Caps

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| Test Case Name | **Get/timing/timing\_caps ---Success** | | |
| Test Case API | /timing/timing\_caps | | |
| Status Code | 200 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| NO PARAMETER |  |  |
| Request Structure | /mp1/v1/timing/timing\_caps | | |
| Request Type | GET | | |
| Expected Response | {  "TimingCaps": {  "timeStamp": {  "seconds": 1577836800,  "nanoSeconds": 0  },  "ntpServers": [  {  "ntpServerAddrType": "IP\_ADDRESS",  "ntpServerAddr": "192.0.2.0",  "minPollingInterval": 3,  "maxPollingInterval": 17,  "localPriority": 1,  "authenticationOption": "NONE",  "authenticationKeyNum": 1  }  ],  "ptpMasters": [  {  "ptpMasterIpAddress": "192.0.2.0",  "ptpMasterLocalPriority": 1,  "delayReqMaxRate": 10  }  ]  }  } | | |
| Expected State | SUCCESS | | |
| Description | When the request gets executed successfully it will send “TimingCaps” as a response. | | |

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| Test Case Name | **Get/timing/timing\_caps ---Bad Request** | | |
| Test Case API | /timing/timing\_caps | | |
| Status Code | 400 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| NO PARAMETER |  |  |
| Request Structure | /mp1/v1/timing/timing\_caps | | |
| Request Type | GET | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | BAD REQUEST | | |
| Description | If we send an incorrect parameter in request then we will get this Error as a response with error code 400. | | |

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| Test Case Name | **Get/timing/timing\_caps ---Forbidden** | | |
| Test Case API | /timing/timing\_caps | | |
| Status Code | 403 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| NO PARAMETER |  |  |
| Request Structure | /mp1/v1/timing/timing\_caps | | |
| Request Type | GET | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | FORBIDDEN | | |
| Description | If the process or operation doesn't allow to execute, then we will get this Error as a response with error code 403. | | |

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| Test Case Name | **Get/timing/timing\_caps ---Not Found** | | |
| Test Case API | /timing/timing\_caps | | |
| Status Code | 400 | | |
| Parameters | **Name** | **Parameter Type** | **DataType** |
| NO PARAMETER |  |  |
| Request Structure | /mp1/v1/timing/timing\_caps | | |
| Request Type | GET | | |
| Expected Response | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } | | |
| Expected State | NOT FOUND | | |
| Description | If the provided URI couldn't have mapped the valid URI, then we will get this Error as a response with error code 404. Simply Page Not Found error. | | |